

TOUGHBOOK

CF-W7_{Mk3}

Business Rugged Series



Main Features

Genuine Windows Vista® Business

RUGGEDISED

Shock tested 76cm drop in operation.*2

Magnesium alloy casing withstands 100Kg force.*1

Spill proof keyboard.

Float mounted LCD panel.

LIGHTWEIGHT

Weighing only 1280g*3 with a 12.1" XGA LCD and integrated DVD Multi Drive.

LONG BATTERY LIFE

Runs for up to 7 hours*4 on standard battery power.

WIRELESS

Integrated wireless LAN (IEEE802.11a/b/g).
Bluetooth™ as standard.

Various Integrated Options
3G, Smart Card Reader

Panasonic recommends Windows Vista® Business

Lightweight Business Rugged Mobile Notebook



ISO 14001

We implement environment management systems in our factories worldwide and have acquired ISO14001 certification.

ECO

Lead-free solder used for PCB component mounting.

Super Multi Drive

The cover opens upward, making it possible to insert and remove discs without requiring much space.



WITHSTANDS **100kg FORCE**

Economy Mode (ECO)*5

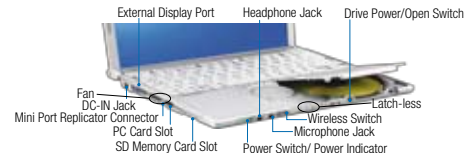
By switching to Economy Mode, you can extend the battery's durability lifetime by 50%*5

Wireless Switch

You can easily switch the wireless function on or off to save power.

Interfaces

Left side



Right side



Toughbook W7 shown with mini port replicator



USB connector (USB2.0x4)
DC-IN
LAN connector
External display connector



*1 Carried out in a Panasonic laboratory in operation mode. Vibration with pressure of 980 N (100 kgf) is applied uniformly over the top and bottom faces.

*2 The TOUGHBOOK shock- and pressure-resistance data given here does not imply any guarantee against damage or malfunction.

*3 Average weight. The actual weight of each product may vary slightly.

*4 The Economy Mode (ECO) was disabled during measurement. The period of battery operation time varies according to the operating environment, LCD brightness, and system settings.

Measured using BatteryMark™ Ver.4.0.1* (LCD brightness Minimum).

*5 The battery drive time with Economy Mode (ECO) enabled is about 80% that with ECO Mode disabled.

Panasonic

ideas for life

| CF-W7Mk3 | | CF-W7DWBYZJM |
|--|---|---|
| Operating System | | Genuine Windows Vista® Business (XP Downgrade DVD in box) |
| CPU | | Intel® Centrino® Core 2 Duo Processor U7600 (1.20 GHz, 2 MB ¹ L2 cache, 533 MHz FSB) |
| Chipset | | Intel® GM965 |
| Memory¹ | | 1GB (2 GB Max.) DDR2 SDRAM |
| Video Memory^{1,2} | | UMA (251 MB Max.) |
| Hard Disk Drive³ | | 120 GB SATA |
| Display Method | | 12.1 XGA type (TFT) |
| Wireless LAN | | Intel Wireless WiFi Link 4965 ABG (802.11 a/b/g) |
| Bluetooth | | Version 2.0+EDR |
| LAN | | IEEE 802.3 10Base-T, IEEE 802.3u 100Base-TX, IEEE 802.3ab 1000Base-T (10/100/1000) |
| Modem | | Data: 56 kbps (V.92) FAX: 14.4 kbps |
| Sound | | WAVE and MIDI playback, Monaural speaker, Intel® High Definition Audio subsystem support |
| Security Chip | | TPM (TCG V1.2 compliant) ⁴ |
| Card Slot | PC Card HCSD Memory Card Smart Card | Type I or Type II x 1 (3.3 V: 400 mA, 5 V: 400 mA) x 1, Data transfer rate = 8 MB per second ⁵ x 1 Optional |
| RAM Module Slot | | 200 pin, 1.8 V, SO-DIMM, DDR2 SDRAM, PC2-4200 Compliant |
| Interface | | USB Ports x 3 (USB2.0 x 3) ⁶ / Modem Port (RJ-11) / LAN Port (RJ-45) ⁷ External Display Port: Mini Dsub 15-pin female / Microphone Jack: ⁸ Miniature jack, 3.5 DIA / Headphone Jack: Miniature jack, 3.5 DIA / Mini Port Replicator connector: Dedicated 50-pin male Jack (Miniature jack, 3.5 DIA, Impedance 32 Ω, Output Power 4 mW x 2) |
| Keyboard / Pointing Device | | 83 keys / Touch Pad |
| Power Supply | | AC adaptor, DC adaptor or Battery pack |
| AC Adaptor | | 200-pin, 16v DC, 3.75A |
| Battery Pack | | Li-ion 10.8 V, 5.8 Ah |
| | Operating Time ⁹ | Approx. 7 hours (Economy Mode (ECO) - Disabled) ¹⁰ Approx. 7 hours at BIOS default setting ¹¹ |
| | Charging Time ⁹ (Power on) | Approx. 5 hours |
| Rated Power Consumption | | Approx. 30W |
| Physical Dimensions (W x H x D) | | 272 mm x 214.3mm x 24.9 (front) - 45.3mm (end) |
| Weight | | Approx. 1.28 kg |
| Operating Environment | | Temperature: 5 °C to 35 °C Humidity: 30% to 80% RH (No condensation) |
| Storage Environment | | Temperature: -20 °C to 60 °C Humidity: 30% to 90% RH (No condensation) |
| Utility Programs | | Microsoft® Internet Explorer 7.0 / DirectX 10 / Microsoft® Windows® Media Player 11 / Microsoft® Windows® Movie Maker 6.0 / Microsoft® .NET Framework 3.0 / Adobe Reader / Loupe Utility / Touch Pad Utility / DMI Viewer / PC Information Viewer / PC Information Popup / WinDVD™ 8 (OEM Version) / B's Recorder GOLD9 BASIC / B's CLIP 7 ¹² / Hotkey Settings / Optical Disc Drive Letter-Setting Utility / Optical Disc Drive Power-Saving Utility / Power Saving Utility / Fan Control Utility / LAN Power Saving Utility / Intel® Matrix Storage Manager / Wireless Switch Utility / Wireless Connection Disable Utility ¹³ / Bluetooth Stack for Windows by TOSHIBA ¹⁴ / Economy Mode (ECO) Setting Utility / Battery Recalibration Utility / Infineon TPM Professional Package V3.0 SP2HF2 ¹³ Setup Utility / Hard Disk Data Erase Utility ¹⁵ / PC-Diagnostic Utility ¹⁶ |

*1 1 GB = 1,000 MB

*2 A segment of the main memory is allotted automatically depending on the computer's operating status. The size of the Video Memory cannot be set by the user.

*3 1 GB = 1,000,000,000 bytes. Your operating system or some application software will report as fewer GB.

*4 For information on TPM, click [start] - [Run] and input "c:\util\drivers\tpm\README.pdf", and refer to the Installation Manual of "Trusted Platform Module (TPM)".

*5 Operation has been tested and confirmed using Panasonic SD Memory Cards with a capacity of up to 32 GB.

The transfer rate using the SD Memory Card slot on this computer is 8 MB per second. (This is a theoretical value, and differs from actual speeds.)

The transfer rate is 8 MB per second even if you use an SD Memory Card that supports high-speed transfer rates.

Operation on other SD equipment is not guaranteed.

This computer is not compatible with Multi Media Cards. Do not insert these kinds of cards

*6 Does not guarantee operation of all USB-compatible peripherals

*7 Some devices cannot be used depending on the port type

*8 Use a condenser-stereo microphone.

*9 Varies depending on the usage conditions.

*10 Measured using Battery Mark Version 4.0.1

*11 Measured using Mobile Mark 2008 (LCD Brightness: 60 cd/m²)

*12 Must be installed before use.

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*14 Only for model with Bluetooth.

*15 The Product Recovery DVD-ROM is required.

*16 For startup methods, refer to "Hardware Diagnostics"

Panasonic reserves the right to change design and specifications with out notice.